

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Matthew E. Hansen

Appl. No.: 09/907,902

Filed: July 19, 2001

For: **Method for Characterizing Optical  
Systems Using Holographic Reticles**  
(As Amended)

Confirmation No.: 9945

Art Unit: 2877

Examiner: Lee, Hwa S.

Atty. Docket: 1857.0300001

**Sixth Supplemental Information Disclosure Statement**

***Mail Stop RCE***

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- ☒ 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- ☐ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

- ☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- ☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$\_\_\_\_\_ in payment of the fee under 37 C.F.R. § 1.17(p).
- ☐ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$\_\_\_\_\_ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:
- ☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure

Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

- ☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
- ☐ 6. A concise explanation of the relevance of the non-English language document(s) appears below in accordance with 37 C.F.R. § 1.98(a)(3).
- ☒ 7. Copies of documents FP1-FP24 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached IDS Forms are submitted.
- ☐ 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. \_\_\_\_\_, filed

\_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C.

§ 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

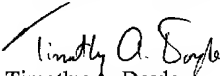
- ☐ 9. It is expected that the examiner will review the prosecution and cited art in the parent application no(s). \_\_\_\_\_ in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
Timothy A. Doyle  
Attorney for Applicant  
Registration No. 51,262

Date: 28 JUL 06

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600

562737\_1.DOC

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	09/907,902	
			Filing Date	July 19, 2001	
			First Named Inventor	Matthew F. Hansen	
			Art Unit	2877	
			Examiner Name	Lee, Hwa S.	
Sheet	1	of	3	Attorney Docket Number	1857.0300001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If Known)			
	US1	4,560,249	12-24-1985	Nishiwaki et al.	
	US2	4,596,467	06-24-1986	Bartelt	
	US3	4,792,197	12-20-1988	Inoue et al.	
	US4	4,806,454	02-21-1989	Yoshida et al.	
	US5	5,142,385	08-25-1992	Anderson et al.	
	US6	5,414,835	03-09-1995	Iijima	
	US7	5,640,239	06-17-1997	Takamiya et al.	
	US8	5,705,321	01-06-1998	Brueck et al.	
	US9	5,759,744	06-02-1998	Brueck et al.	
	US10	5,771,098	06-23-1998	Ghosh et al.	
	US11	6,013,396	01-11-2000	Capodiceci	
	US12	6,178,000 B1	01-23-2001	Hoffnagle	
	US13	6,185,019 B1	02-06-2001	Hobbs et al.	
	US14	6,233,044 B1	05-15-2001	Brueck et al.	
	US15	6,304,318 B1	10-16-2001	Matsumoto	
	US16	6,556,280 B1	04-29-2003	Kelsey et al.	
	US17	6,830,850 B1	12-14-2004	Krivokapic et al.	
	US18	6,882,477 B1	04-19-2005	Schattenburg et al.	
	US19	Re. 36,113	02-23-1999	Brueck et al.	
	US20	2001/0021487 A1	09-13-2001	Williams et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If Known)			
	FP1	EP 0243520 B1	11-27-1991	Makosch	
	FP2	JP 61-190368 A	08-25-1986	Yoshikazu et al.	
	FP3	JP 2000-021716 A	01-21-2000	Fumio	
	FP4	JP 2000-021720 A	01-21-2000	Kenji	
	FP5	JP 2000-223400 A	08-11-2000	Yasuyuki	
	FP6	JP 2001-007020 A	01-12-2001	Mitsuo et al.	
	FP7	JP 2001-223149 A	08-17-2001	Yoshihisa	
	FP8	JP 2002-162750 A	06-07-2002	Tomotaka	
	FP9	JP 2004-014866 A	01-15-2004	Hisao et al.	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO  <b>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/907,902
				Filing Date	July 19, 2001
				First Named Inventor	Matthew E. Hansen
				Art Unit	2877
Examiner Name	Lee, Hwa S.				
Sheet	2	of	3	Attorney Docket Number	1857.0300001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	US21	2001/0035991 A1	11-01-2001	Hobbs et al.	
	US22	2002/0030802 A1	03-14-2002	Sugita et al.	
	US23	2002/0031725 A1	03-14-2002	Sugita et al.	
	US24	2002/0134985 A1	09-26-2002	Chen et al.	
	US25	2002/0149751 A1	10-17-2002	Bloomstein et al.	
	US26	2002/0149757 A1	10-17-2002	Kelsey et al.	
	US27	2002/0149849 A1	10-17-2002	Kelsey et al.	
	US28	2003/0098979 A1	05-29-2003	Dress et al.	
	US29	2003/0147082 A1	08-07-2003	Goldstein	
	US30	2004/0042724 A1	03-04-2004	Gombert et al.	
	US31	2004/0110092 A1	06-10-2004	Lin	
	US32	2005/0012933 A1	01-20-2005	Matthews	
	US33	2005/0057735 A1	03-17-2005	Smith	
	US34	2005/0064297 A1	03-24-2005	Wago	
	US35	2005/0073671 A1	04-07-2005	Borodovsky	
	US36	2005/0074698 A1	04-07-2005	Borodovsky	
	US37	2005/0088633 A1	04-28-2005	Borodovsky	
	US38	2005/0094152 A1	05-05-2005	Allen	
	US39	2005/0105100 A1	05-19-2005	Swindal	
	US40	2005/0168717 A1	08-04-2005	Hinsberg, III et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	FP10	JP 2004-014867 A	01-15-2004	Hisao et al.		
	FP11	JP 2004-317922 A	11-11-2004	Shigeto		
	FP12	JP 2005-099537 A	04-14-2005	Shingo		
	FP13	JP 2005-134873 A	05-26-2005	Shigeru et al.		
	FP14	JP 3-263313 A	11-22-1991	Akira		
	FP15	JP 4-163461 A	06-09-1992	Haruo et al.		
	FP16	JP 5-072408 A	03-26-1993	Hiromitsu		
	FP17	JP 5-217856 A	08-27-1993	Kenichi		
	FP18	JP 6-053122 A	02-25-1994	Kazuya et al.		

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †Applicant's unique citation designation number (optional). † See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. † Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). † For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. † Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. † Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO  <b>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	09/907,902	
			Filing Date	July 19, 2001	
			First Named Inventor	Matthew E. Hansen	
			Art Unit	2877	
			Examiner Name	Lee, Hwa S.	
Sheet	3	of	3	Attorney Docket Number	1857.0300001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If Known)			
	US41				
	US42				
	US43				
	US44				
	US45				
	US46				
	US47				
	US48				
	US49				
	US50				
	US51				
	US52				
	US53				
	US54				
	US55				
	US56				
	US57				
	US58				
	US59				
	US60				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If known)				
	FP19	JP 6-053122 U	07-19-1994			
	FP20	JP 10-270330 A	10-09-1998	Minoru et al.		
	FP21	KR 9401227 B1	02-17-1994	Kyong-Hyon et al.		
	FP22	WO 98/18049 A1	04-30-1998	Hawryluk et al.		
	FP23	WO 2004/003611 A1	01-08-2004	Sceats et al.		
	FP24	WO 2004/088363 A1	10-14-2004	Rebordao et al.		
	FP25					
	FP26					
	FP27					

562756\_1.DOC

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.